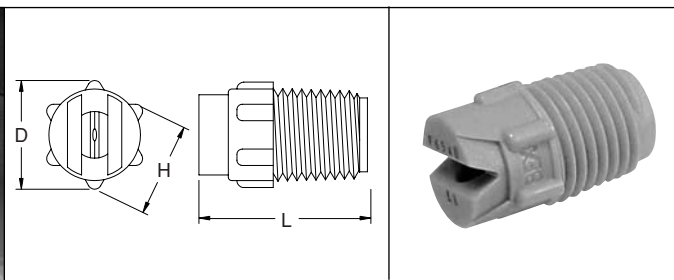
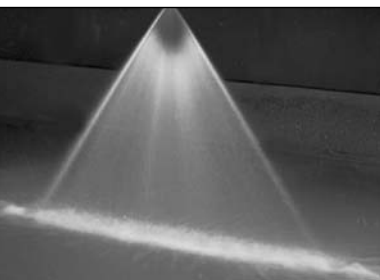


# F SERIES

## Molded plastic spray nozzles



### DIMENSIONS

| NOZZLE SIZE (BSPT) | Dim. D (mm) | Dim. H (mm) | Dim. L (mm) |
|--------------------|-------------|-------------|-------------|
| 1/8F               | 16          | 14          | 20          |
| 1/4F               | 16          | 14          | 25          |
| 3/8F               | 20          | 18          | 25          |

### SPRAY CHARACTERISTICS:

BEX F series spray nozzles produce a flat spray pattern with spray angles of 0° to 110° @ 3 bar.

### CONSTRUCTION:

Each BEX molded nozzle is designed with a series of "knobs" which makes them easier to finger tighten than a hex, especially when wet. The design feature of a small starter barrel greatly reduces the tendency to strip or cross-thread the nozzle during the installation.

### MATERIALS AVAILABLE:

ACETAL - (Yellow) suitable for most aqueous solutions (ph 4-9) up to 80°C.  
 POLYPROPYLENE - (Green) excellent chemical and corrosion resistance. Useful up to 80°C.  
 NATURAL POLYPROPYLENE - non-pigmented for optimum purity.  
 PVDF - (Red) excellent durability and abrasion resistance and is inert to most chemicals. Many applications useful up to 150°C.  
 NATURAL PVDF - non-pigmented for optimum purity.

### TYPICAL APPLICATIONS:

- Printed Circuit Board Washing
- PCB-Etching/Developing
- Semiconductor Manufacturing
- Pressure Washers
- Car Washing
- Street Sweeping
- Carpet Cleaning
- Fruit and Vegetable Washing
- Plating Processes
- Dust Suppression
- Acid Spraying
- Degreasing
- Coating Applications
- Foam Control
- Metal Washing
- Chemical Spraying
- Rinsing Parts

|            | SPRAY ANGLES @ 3 bar |           |           |           |           |           |           |           |            | CAPACITY (L/min) |        |
|------------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------------|--------|
|            | 0°                   | 15°       | 25°       | 40°       | 50°       | 65°       | 80°       | 95°       | 110°       | @0.7 bar         | @3 bar |
| 1/8 MODELS | 1/8F0002             | 1/8F1502  | 1/8F2502  | 1/8F4002  | 1/8F5002  | 1/8F6502  | 1/8F8002  | 1/8F9502  | 1/8F11002  | 0.38             | 0.79   |
|            | 1/8F00025            | 1/8F15025 | 1/8F25025 | 1/8F40025 | 1/8F50025 | 1/8F65025 | 1/8F80025 | 1/8F95025 | 1/8F110025 | 0.48             | 0.99   |
|            | 1/8F0003             | 1/8F1503  | 1/8F2503  | 1/8F4003  | 1/8F5003  | 1/8F6503  | 1/8F8003  | 1/8F9503  | 1/8F11003  | 0.57             | 1.18   |
|            | 1/8F0004             | 1/8F1504  | 1/8F2504  | 1/8F4004  | 1/8F5004  | 1/8F6504  | 1/8F8004  | 1/8F9504  | 1/8F11004  | 0.76             | 1.58   |
|            | 1/8F0005             | 1/8F1505  | 1/8F2505  | 1/8F4005  | 1/8F5005  | 1/8F6505  | 1/8F8005  | 1/8F9505  | 1/8F11005  | 0.95             | 1.97   |
|            | 1/8F0006             | 1/8F1506  | 1/8F2506  | 1/8F4006  | 1/8F5006  | 1/8F6506  | 1/8F8006  | 1/8F9506  | 1/8F11006  | 1.14             | 2.37   |
|            | 1/8F0007             | 1/8F1507  | 1/8F2507  | 1/8F4007  | 1/8F5007  | 1/8F6507  | 1/8F8007  | 1/8F9507  | 1/8F11007  | 1.33             | 2.76   |
|            | 1/8F0008             | 1/8F1508  | 1/8F2508  | 1/8F4008  | 1/8F5008  | 1/8F6508  | 1/8F8008  | 1/8F9508  | 1/8F11008  | 1.53             | 3.16   |
|            | 1/8F0010             | 1/8F1510  | 1/8F2510  | 1/8F4010  | 1/8F5010  | 1/8F6510  | 1/8F8010  | 1/8F9510  | 1/8F11010  | 1.91             | 3.95   |
|            | 1/8F0015             | 1/8F1515  | 1/8F2515  | 1/8F4015  | 1/8F5015  | 1/8F6515  | 1/8F8015  | 1/8F9515  | 1/8F11015  | 2.86             | 5.92   |
| 1/4 MODELS | 1/4F0002             | 1/4F1502  | 1/4F2502  | 1/4F4002  | 1/4F5002  | 1/4F6502  | 1/4F8002  | 1/4F9502  | 1/4F11002  | 0.38             | 0.79   |
|            | 1/4F0003             | 1/4F1503  | 1/4F2503  | 1/4F4003  | 1/4F5003  | 1/4F6503  | 1/4F8003  | 1/4F9503  | 1/4F11003  | 0.57             | 1.18   |
|            | 1/4F0004             | 1/4F1504  | 1/4F2504  | 1/4F4004  | 1/4F5004  | 1/4F6504  | 1/4F8004  | 1/4F9504  | 1/4F11004  | 0.76             | 1.58   |
|            | 1/4F0005             | 1/4F1505  | 1/4F2505  | 1/4F4005  | 1/4F5005  | 1/4F6505  | 1/4F8005  | 1/4F9505  | 1/4F11005  | 0.95             | 1.97   |
|            | 1/4F0006             | 1/4F1506  | 1/4F2506  | 1/4F4006  | 1/4F5006  | 1/4F6506  | 1/4F8006  | 1/4F9506  | 1/4F11006  | 1.14             | 2.37   |
|            | 1/4F0008             | 1/4F1508  | 1/4F2508  | 1/4F4008  | 1/4F5008  | 1/4F6508  | 1/4F8008  | 1/4F9508  | 1/4F11008  | 1.53             | 3.16   |
|            | 1/4F0010             | 1/4F1510  | 1/4F2510  | 1/4F4010  | 1/4F5010  | 1/4F6510  | 1/4F8010  | 1/4F9510  | 1/4F11010  | 1.91             | 4.0    |
|            | 1/4F0015             | 1/4F1515  | 1/4F2515  | 1/4F4015  | 1/4F5015  | 1/4F6515  | 1/4F8015  | 1/4F9515  | 1/4F11015  | 2.86             | 5.9    |
|            | 1/4F0020             | 1/4F1520  | 1/4F2520  | 1/4F4020  | 1/4F5020  | 1/4F6520  | 1/4F8020  | 1/4F9520  | 1/4F11020  | 3.8              | 7.9    |
|            | 1/4F0030             | 1/4F1530  | 1/4F2530  | 1/4F4030  | 1/4F5030  | 1/4F6530  | 1/4F8030  | 1/4F9530  | 1/4F11030  | 5.7              | 11.8   |
| 3/8 MODELS | 1/4F0040             | 1/4F1540  | 1/4F2540  | 1/4F4040  | 1/4F5040  | 1/4F6540  | 1/4F8040  | 1/4F9540  | 1/4F11040  | 7.6              | 15.8   |
|            | 1/4F0050             | 1/4F1550  | 1/4F2550  | 1/4F4050  | 1/4F5050  | 1/4F6550  | 1/4F8050  | 1/4F9550  | 1/4F11050  | 9.5              | 19.7   |
|            | 1/4F0060             | 1/4F1560  | 1/4F2560  | 1/4F4060  | 1/4F5060  | 1/4F6560  | 1/4F8060  | 1/4F9560  | 1/4F11060  | 11.4             | 23.7   |
|            | 1/4F0070             | 1/4F1570  | 1/4F2570  | 1/4F4070  | 1/4F5070  | 1/4F6570  | 1/4F8070  | 1/4F9570  | 1/4F11070  | 13.4             | 27.6   |
|            | 3/8F0010             | 3/8F1510  | 3/8F2510  | 3/8F4010  | 3/8F5010  | 3/8F6510  | 3/8F8010  | 3/8F9510  | 3/8F11010  | 1.91             | 4.0    |
|            | 3/8F0015             | 3/8F1515  | 3/8F2515  | 3/8F4015  | 3/8F5015  | 3/8F6515  | 3/8F8015  | 3/8F9515  | 3/8F11015  | 2.86             | 5.9    |
|            | 3/8F0020             | 3/8F1520  | 3/8F2520  | 3/8F4020  | 3/8F5020  | 3/8F6520  | 3/8F8020  | 3/8F9520  | 3/8F11020  | 3.8              | 7.9    |
|            | 3/8F0030             | 3/8F1530  | 3/8F2530  | 3/8F4030  | 3/8F5030  | 3/8F6530  | 3/8F8030  | 3/8F9530  | 3/8F11030  | 5.7              | 11.8   |
|            | 3/8F0040             | 3/8F1540  | 3/8F2540  | 3/8F4040  | 3/8F5040  | 3/8F6540  | 3/8F8040  | 3/8F9540  | 3/8F11040  | 7.6              | 15.8   |
|            | 3/8F0050             | 3/8F1550  | 3/8F2550  | 3/8F4050  | 3/8F5050  | 3/8F6550  | 3/8F8050  | 3/8F9550  | 3/8F11050  | 9.5              | 19.7   |
|            | 3/8F0060             | 3/8F1560  | 3/8F2560  | 3/8F4060  | 3/8F5060  | 3/8F6560  | 3/8F8060  | 3/8F9560  | 3/8F11060  | 11.4             | 23.7   |
|            | 3/8F0070             | 3/8F1570  | 3/8F2570  | 3/8F4070  | 3/8F5070  | 3/8F6570  | 3/8F8070  | 3/8F9570  | 3/8F11070  | 13.4             | 27.6   |